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Amendments to the Claims

1. (currently amended) A tungsten-containing fuel cell catalyst consisting essentially of an electrochemically activated tungstate catalyst supported on a carbon support, the tungsten-containing catalyst generating a power output which is greater than about 20 percent of a power output of an equivalently prepared platinum catalyst when operating under the same conditions using an electrochemical oxidation of hydrogen.

- 2. (original) The tungsten-containing catalyst of claim 1 wherein the power output of the tungsten-containing catalyst is greater than about 40% of the power output of the platinum catalyst.
- 3. (original) The tungsten-containing catalyst of claim 1 wherein the power output of the tungsten-containing catalyst is greater than about 80% of the power output of the platinum catalyst.
- 4. (original) The tungsten-containing catalyst of claim 1 wherein the power output of the tungsten-containing catalyst is about 100% of the power output of the platinum catalyst.
- 5. (currently amended) A tungsten-containing fuel cell catalyst consisting-essentially of an electrochemically activated tungstate catalyst supported on a carbon support, the tungsten-containing catalyst in a hydrogen:air PEM fuel cell having a single 5 cm² cell producing a cell voltage of about 0.75 volts at a 1000 ohm load.
- 6. (currently amended) A tungsten-containing fuel cell catalyst consisting essentially of an electrochemically activated tungstate supported on a carbon support, the tungsten-containing catalyst producing a potential of about 0.25 volts at current densities of between about 2 to about 6 mA/cm² at a temperature of about 25°C and a pressure of about 1 atmosphere.

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7. (original) The tungsten-containing catalyst of claim 6 wherein the potential is measured in a hydrogen:air fuel cell having an anode made with the tungsten-containing catalyst and a cathode made with a platinum catalyst.

- 8. (original) The tungsten-containing catalyst of claim 1 wherein the tungsten-containing catalyst has a tungsten loading of about 20 weight percent tungsten.
- 9. (original) The tungsten-containing catalyst of claim 1 wherein the tungsten-containing catalyst has a tungsten loading of about 40 weight percent tungsten.

Claims 10-39 (cancelled).

- 40. (previously presented) The tungsten-containing catalyst of claim 1 wherein the tungstate is ammonium metatungstate, sodium tungstate, or tungstic acid.
- 41. (previously presented) The tungsten-containing catalyst of claim 1 wherein the tungstate is ammonium metatungstate.
- 42. (previously presented) The tungsten-containing catalyst of claim 5 wherein the tungstate is ammonium metatungstate, sodium tungstate, or tungstic acid.
- 43. (previously presented) The tungsten-containing catalyst of claim 5 wherein the tungstate is ammonium metatungstate.
- 44. (previously presented) The tungsten-containing catalyst of claim 6 wherein the tungstate is ammonium metatungstate, sodium tungstate, or tungstic acid.
- 45. (previously presented) The tungsten-containing catalyst of claim 6 wherein the tungstate is ammonium metatungstate.